

## **ABSTRACT**

Disclosed is a digital TV smart antenna system and controlling method of the same, the system converges a smart antenna into an optimal reception by detecting a maximum signal power in a signal acquisition process for a fast acquisition performance and selectively assembling information such as signal power, multi-channel, SNR, and SER, and particularly, calculates signal power according to the antenna direction by fixing AGC as a specific value for detecting the maximum signal power.